

REMARKS

The present amendment is in response to the Office Action dated August 12, 2005.

A. Elections/Restrictions

In the Office Action, the Examiner rejects claims 1-10 and withdraws claims 11-15 in a provisional election by telephone conversation with Applicant's representative. In response Applicant cancels claims 11-15, amends claims 1-5 and 7-10, and adds new claims 16-25 for a total of twenty (20) claims with two independent claims 1 and 2. Please note that claims 20-25 depend on independent claim 1, and claims 3-10 and 16-19 depend on independent claim 2. Reconsideration and allowance of the pending claims in view of the amendments and the following remarks are respectfully requested.

B. Rejection under 35 U.S.C. §102(b)

The Examiner rejects independent claims 2 and dependent claims 3-4 and 8-10 under 35 U.S.C. 102(b) as being anticipated by the Ito Patent No. 5,528,207, 793 (hereinafter "Ito"). In response, Applicant amends claim 1 such that the dielectric component **consists of** solid dielectric material having a dielectric constant. That is, the invention of claim 2 comprises a solid dielectric material, only, without through bores 12a, 12b, as disclosed by Ito in Figures 4-6), without internal conductors 13a, 13b, 13c, without external conductor 14, and without I/O terminals 17a, 17b.

1. Independent claim 2, and dependent claims 3-10, 16-19

Specifically, independent claim 2 is not anticipated in view of Ito since Ito fails to teach or suggest each and every element of independent claim 2. Specifically, claim 2 comprises, among other things,

"a dielectric component consisting of solid dielectric material having a dielectric constant" and "wherein the dielectric component is attached to the printed circuit board proximate to the electrical component".

As discussed above, the Ito patent does not teach or suggest the use of a solid dielectric material since Applicant's use of the transitional phrase "consists of" limits the element of the dielectric component to a solid dielectric material. Further, the other

cited references including the Brown and Levine publications fail to cure the basic deficiencies of the Ito patent. Specifically, the Levine reference, in for example Figure 1, discloses transmission lines (115, 120?) sandwiched between a substrate 105 and a coverplate 110 attached to the substrate by adhesive. The substrate and cover plate further have integral conductive ground plates 130, 135. Thus, Levine does not disclose the claimed invention. Brown discloses a fluid dielectric in a cavity 109, as shown in figures 3a and 3b, surrounded by substrate material 142, 102, 144. Although the substrate material is a solid dielectric material, it is not attached to the printed circuit board as claimed in claim 2. As such, since the cited references do not teach or such the invention of claim 2, Applicant respectfully requests that the Examiner issue a notice of allowance for independent claim 2 and the claims dependent thereupon.

C. Rejection under 35 U.S.C. §103(a)

The Examiner rejects independent claim 1 as being unpatentable over Brown in view of Ito, and dependent claim 7 as being unpatentable over Ito in view of Levine. In response, Applicant amends claim 1 to comprise

"a dielectric block consisting of solid dielectric material, the dielectric block mounted on the substrate in proximity to the conductive trace" and "wherein the dielectric component is attached to the printed circuit board proximate to the electrical component to modify the electrical parameter".

As discussed above, the cited references do not teach or suggest a block made of a solid dielectric material that is mounted on a substrate as claimed by Applicant. Ito's dielectric filter comprises conductive elements and the Brown and Levine dielectric materials are part of substrate layers and are not attached to a printed circuit board proximate to the electrical component as claimed in independent claim 2. Thus, Applicant respectfully asserts that claim 2 and the claims dependent thereupon are now patentable over the cited references.

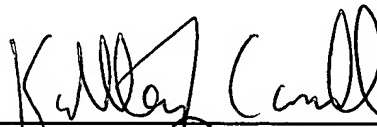
D. Conclusion

Applicant asserts that the pending claims are now patentable over the cited references, and Applicant respectfully requests that the Examiner issue a notice of allowance for all of the pending claims 1-10 and 16-25.

Applicant requests that the Examiner telephone the attorney for Applicant at the telephone number listed below should the Examiner believe that prosecution of this application might be expedited by further discussion of the issues.

Respectfully Submitted,

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